

Luminaire

Code 90633L115

Name ROFY 85 D/I D1150 GCONTROL+ K3 830 LO

Measurem.

Code 4/8/2023

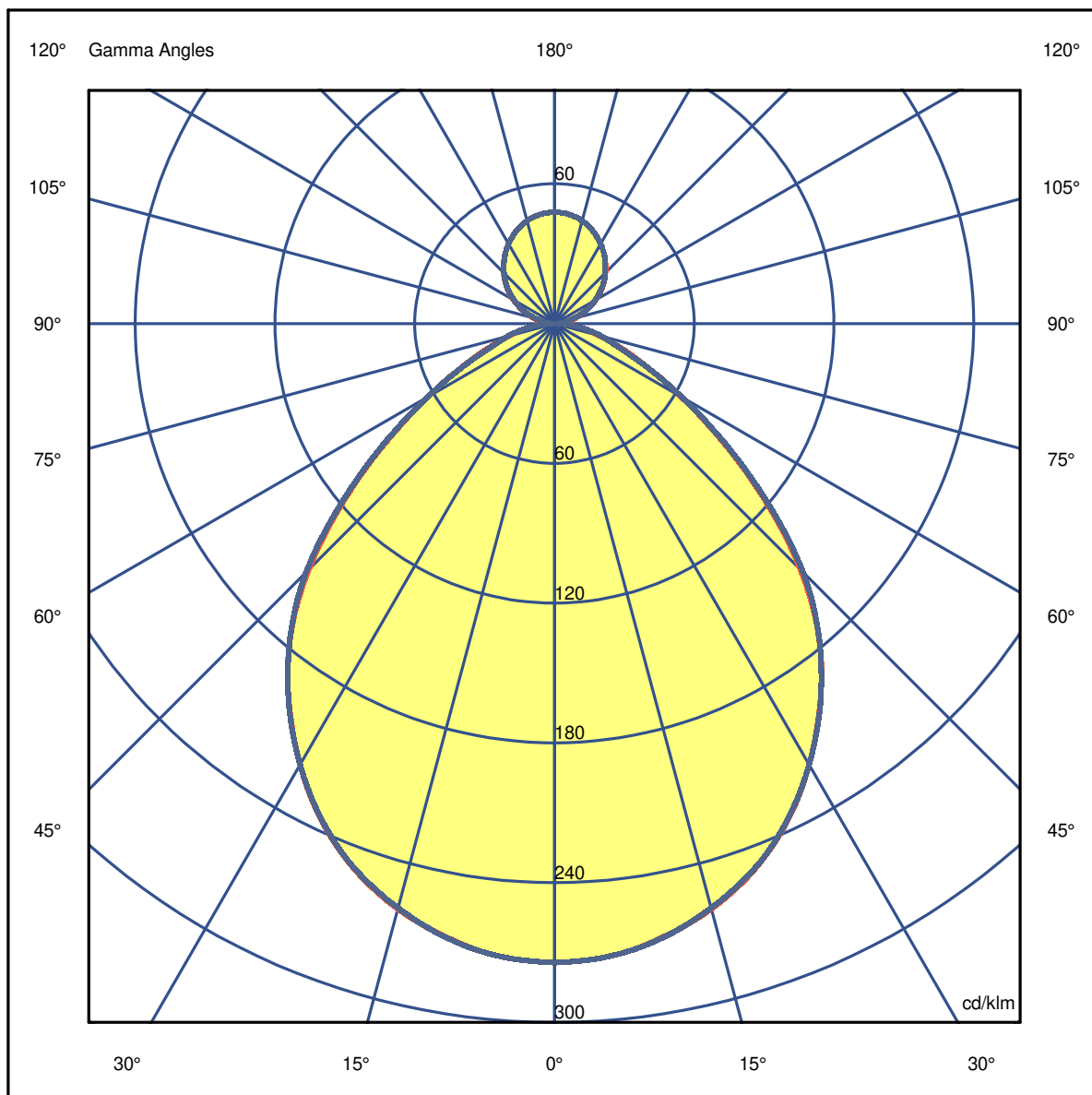
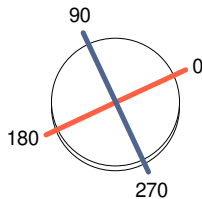
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Luminaire Flux	14935 lm	Luminaire Power	113.9 W	Efficacy	131.091 lm/W	Efficiency	72.77%
Source Flux	20524 lm	Maximum value	274.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=1150mm

C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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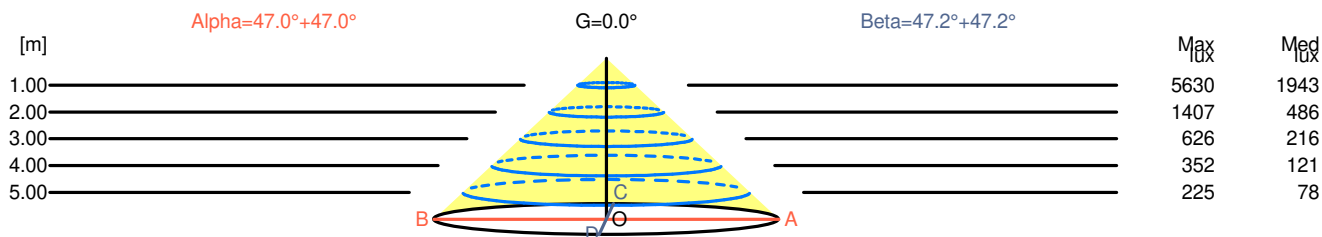
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Width at 50.00 % of Max Intensity

H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	1.07	2.14	3.22	4.29	5.36	OC	1.08	2.16	3.24	4.32	5.40
OB	1.07	2.14	3.22	4.29	5.36	OD	1.08	2.16	3.24	4.32	5.40

	0	5	15	25	35	45	55	65	75	85
OA	5629.73	5594.84	5338.29	4843.66	4080.17	3066.29	1808.16	896.90	412.53	127.25
OB	5629.73	5594.84	5338.29	4843.66	4080.17	3066.29	1808.16	896.90	412.53	127.25
OC	5629.73	5594.84	5330.08	4839.56	4084.28	3097.07	1824.58	886.64	428.95	125.20
OD	5629.73	5594.84	5330.08	4839.56	4084.28	3097.07	1824.58	886.64	428.95	125.20



H[m]	D[m]	Max lux	Med lux	Alpha=47.0°+47.0°	G=0.0	
1.00	2.14	5630	1943			
2.00	4.29	1407	486			
3.00	6.43	626	216			
4.00	8.58	352	121			
5.00	10.72	225	78			

H[m]	D[m]	Max lux	Med lux	Beta=47.2°+47.2°	G=0.0	
1.00	2.16	5630	1943			
2.00	4.32	1407	486			
3.00	6.49	626	216			
4.00	8.65	352	121			
5.00	10.81	225	78			

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Source Flux	20524 lm	Maximum value	274.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

UGR
S = 0.250

Reflectancies										
Ceiling/Cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Working Plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	14.5	15.5	15.1	16.0	16.6	14.6	15.6	15.2	16.1	16.7
x=2H y=3H	15.2	16.0	15.7	16.6	17.2	15.3	16.2	15.9	16.7	17.3
x=2H y=4H	15.3	16.2	15.9	16.7	17.4	15.6	16.4	16.2	16.9	17.6
x=2H y=6H	15.5	16.3	16.1	16.8	17.5	15.7	16.5	16.3	17.1	17.7
x=2H y=8H	15.6	16.3	16.2	16.9	17.5	15.8	16.5	16.4	17.1	17.8
x=2H y=12H	15.6	16.2	16.2	16.8	17.5	15.8	16.5	16.4	17.1	17.8
x=4H y=2H	14.6	15.4	15.2	16.0	16.6	14.7	15.5	15.3	16.1	16.7
x=4H y=3H	15.4	16.1	16.0	16.7	17.4	15.5	16.2	16.1	16.8	17.5
x=4H y=4H	15.7	16.3	16.4	17.0	17.7	15.9	16.5	16.6	17.1	17.9
x=4H y=6H	16.0	16.5	16.7	17.2	17.9	16.2	16.7	16.9	17.4	18.1
x=4H y=8H	16.1	16.6	16.8	17.2	18.0	16.3	16.8	17.0	17.4	18.2
x=4H y=12H	16.1	16.6	16.8	17.2	18.0	16.3	16.8	17.0	17.5	18.2
x=8H y=4H	15.8	16.3	16.5	16.9	17.7	16.0	16.4	16.7	17.1	17.9
x=8H y=6H	16.2	16.6	16.9	17.3	18.1	16.4	16.8	17.1	17.5	18.3
x=8H y=8H	16.3	16.7	17.1	17.4	18.2	16.5	16.9	17.3	17.6	18.4
x=8H y=12H	16.4	16.7	17.2	17.5	18.3	16.6	16.9	17.4	17.7	18.5
x=12H y=4H	15.8	16.2	16.5	16.9	17.7	16.0	16.4	16.6	17.1	17.8
x=12H y=6H	16.2	16.5	16.9	17.3	18.1	16.4	16.7	17.1	17.4	18.3
x=12H y=8H	16.4	16.7	17.1	17.4	18.3	16.6	16.9	17.3	17.6	18.5

Luminaire

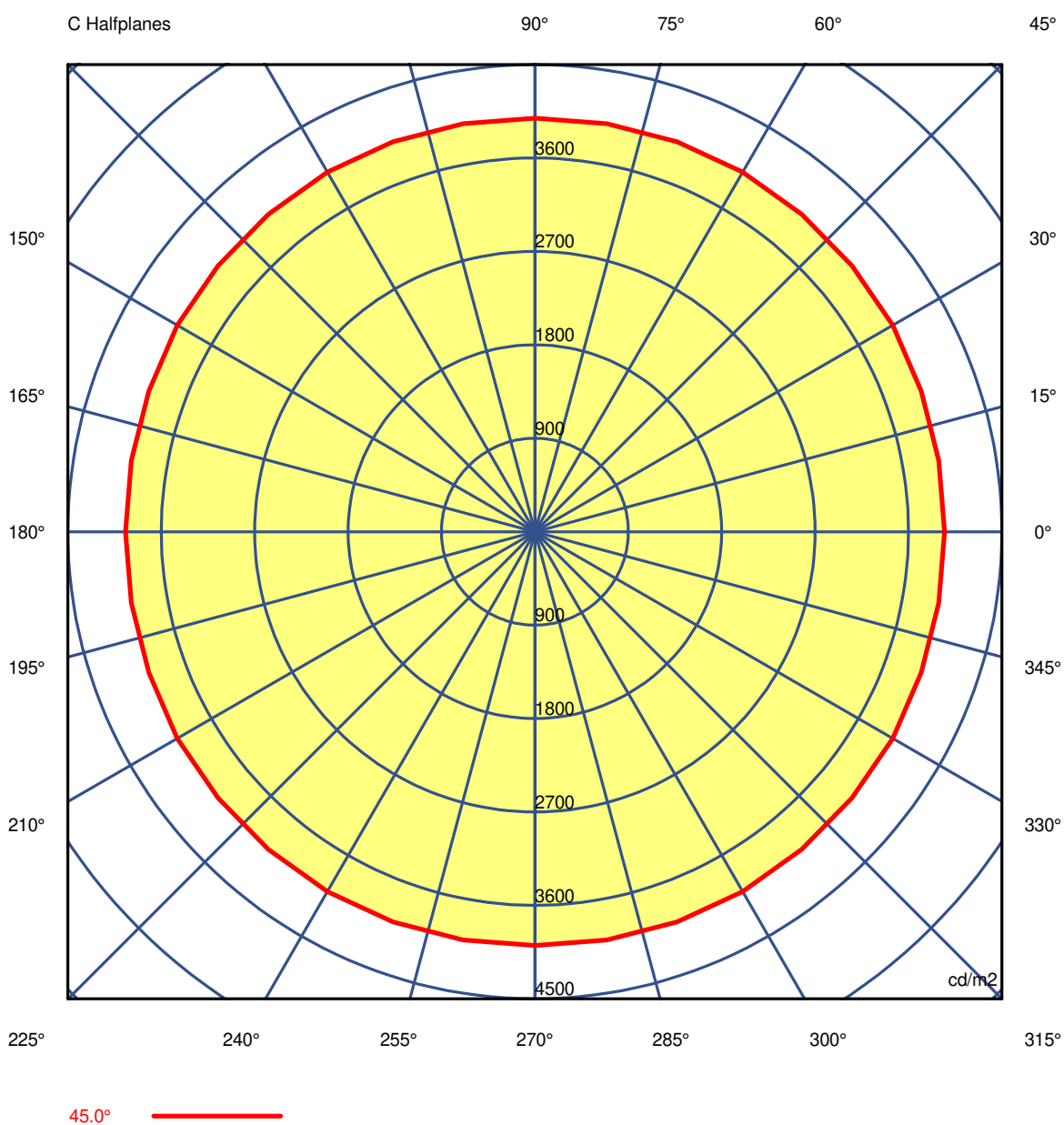
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Source Flux	20524 lm	Maximum value	274.30 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



Luminaire

Code 90633L115

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Measurement

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Luminaire Flux	14935 lm		Luminaire Power		113.9 W		Efficacy		131.091 lm/W		Efficiency		72.77%	
Source Flux	20524 lm		Maximum value		274.30 cd/klm		Position		C=0.00 G=0.00		CG		Double Symmetrical	
Luminance cd/m2														
Table 1/3														
	C 0.00	C 10.00	C 20.00	C 30.00	C 40.00	C 50.00	C 60.00	C 70.00	C 80.00	C 90.00	C 100.00	C 110.00	C 120.00	
G 0.0	5614	5614	5614	5614	5614	5614	5614	5614	5614	5614	5614	5614	5614	
G 5.0	5554	5554	5554	5554	5554	5554	5554	5550	5550	5554	5550	5550	5554	
G 10.0	5467	5470	5470	5467	5466	5468	5469	5466	5465	5469	5465	5466	5469	
G 15.0	5373	5370	5367	5363	5356	5355	5358	5357	5358	5365	5358	5357	5358	
G 20.0	5257	5251	5241	5230	5223	5221	5225	5234	5242	5251	5242	5234	5225	
G 25.0	5101	5095	5085	5075	5068	5066	5071	5083	5092	5097	5092	5083	5071	
G 30.0	4895	4890	4887	4888	4897	4898	4891	4889	4892	4895	4892	4889	4891	
G 35.0	4655	4651	4657	4673	4692	4695	4678	4658	4651	4659	4651	4658	4678	
G 40.0	4369	4375	4385	4399	4411	4413	4402	4386	4375	4372	4375	4386	4402	
G 45.0	3946	3950	3960	3980	3988	3995	4001	3999	3993	3986	3993	3999	4001	
G 50.0	3378	3362	3354	3275	3069	3074	3292	3388	3402	3406	3402	3388	3292	
G 55.0	2765	2890	2795	2442	2047	2070	2505	2873	2954	2790	2954	2873	2505	
G 60.0	2201	2329	2153	1808	1718	1743	1885	2277	2434	2219	2434	2277	1885	
G 65.0	1756	1849	1657	1398	1533	1540	1434	1749	1928	1735	1928	1749	1434	
G 70.0	1416	1492	1413	1279	1316	1300	1246	1489	1581	1364	1581	1489	1246	
G 75.0	1171	1182	1223	1258	1165	1141	1247	1336	1323	1217	1323	1336	1247	
G 80.0	1023	1023	1044	1092	1105	1092	1084	1090	1074	1008	1074	1090	1084	
G 85.0	695	750	826	874	828	811	841	814	752	684	752	814	841	
G 90.0	620	588	569	513	364	268	256	230	203	192	203	230	256	

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Source Flux	20524 lm		Maximum value		274.30 cd/klm		Position		C=0.00 G=0.00		CG		Double Symmetrical	
Luminance cd/m2														
Table 2/3														
	C 130.00	C 140.00	C 150.00	C 160.00	C 170.00	C 180.00	C 190.00	C 200.00	C 210.00	C 220.00	C 230.00	C 240.00	C 250.00	
G 0.0	5614	5614	5614	5614	5614	5614	5614	5614	5614	5614	5614	5614	5614	
G 5.0	5554	5554	5554	5554	5554	5554	5554	5554	5554	5554	5554	5554	5550	
G 10.0	5468	5466	5467	5470	5470	5467	5470	5470	5467	5466	5468	5469	5466	
G 15.0	5355	5356	5363	5367	5370	5373	5370	5367	5363	5356	5355	5358	5357	
G 20.0	5221	5223	5230	5241	5251	5257	5251	5241	5230	5223	5221	5225	5234	
G 25.0	5066	5068	5075	5085	5095	5101	5095	5085	5075	5068	5066	5071	5083	
G 30.0	4898	4897	4888	4887	4890	4895	4890	4887	4888	4897	4898	4891	4889	
G 35.0	4695	4692	4673	4657	4651	4655	4651	4657	4673	4692	4695	4678	4658	
G 40.0	4413	4411	4399	4385	4375	4369	4375	4385	4399	4411	4413	4402	4386	
G 45.0	3995	3988	3980	3960	3950	3946	3950	3960	3980	3988	3995	4001	3999	
G 50.0	3074	3069	3275	3354	3362	3378	3362	3354	3275	3069	3074	3292	3388	
G 55.0	2070	2047	2442	2795	2890	2765	2890	2795	2442	2047	2070	2505	2873	
G 60.0	1743	1718	1808	2153	2329	2201	2329	2153	1808	1718	1743	1885	2277	
G 65.0	1540	1533	1398	1657	1849	1756	1849	1657	1398	1533	1540	1434	1749	
G 70.0	1300	1316	1279	1413	1492	1416	1492	1413	1279	1316	1300	1246	1489	
G 75.0	1141	1165	1258	1223	1182	1171	1182	1223	1258	1165	1141	1247	1336	
G 80.0	1092	1105	1092	1044	1023	1023	1023	1044	1092	1105	1092	1084	1090	
G 85.0	811	828	874	826	750	695	750	826	874	828	811	841	814	
G 90.0	268	364	513	569	588	620	588	569	513	364	268	256	230	

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Luminance cd/m2 Table 3/3

	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0	5614	5614	5614	5614	5614	5614	5614	5614	5614	5614
G 5.0	5550	5554	5550	5550	5554	5554	5554	5554	5554	5554
G 10.0	5465	5469	5465	5466	5469	5468	5466	5467	5470	5470
G 15.0	5358	5365	5358	5357	5358	5355	5356	5363	5367	5370
G 20.0	5242	5251	5242	5234	5225	5221	5223	5230	5241	5251
G 25.0	5092	5097	5092	5083	5071	5066	5068	5075	5085	5095
G 30.0	4892	4895	4892	4889	4891	4898	4897	4888	4887	4890
G 35.0	4651	4659	4651	4658	4678	4695	4692	4673	4657	4651
G 40.0	4375	4372	4375	4386	4402	4413	4411	4399	4385	4375
G 45.0	3993	3986	3993	3999	4001	3995	3988	3980	3960	3950
G 50.0	3402	3406	3402	3388	3292	3074	3069	3275	3354	3362
G 55.0	2954	2790	2954	2873	2505	2070	2047	2442	2795	2890
G 60.0	2434	2219	2434	2277	1885	1743	1718	1808	2153	2329
G 65.0	1928	1735	1928	1749	1434	1540	1533	1398	1657	1849
G 70.0	1581	1364	1581	1489	1246	1300	1316	1279	1413	1492
G 75.0	1323	1217	1323	1336	1247	1141	1165	1258	1223	1182
G 80.0	1074	1008	1074	1090	1084	1092	1105	1092	1044	1023
G 85.0	752	684	752	814	841	811	828	874	826	750
G 90.0	203	192	203	230	256	268	364	513	569	588